

Abstract

The present invention relates to an injection nozzle (1) for an internal combustion engine, in particular in a motor vehicle, having a nozzle body (2) equipped with at least one injection opening (3) and having a nozzle needle (5) that is guided in a needle guide (6) and is able to control the injection of fuel through the at least one injection opening (3).

It is possible to achieve a particularly simple embodiment of the injection nozzle (1) if a control piston (18) drive-coupled to an actuator (19) has a first control surface (21), if the nozzle needle (5) has a compensator surface (16) that is hydraulically coupled to the first control surface (21) via a first hydraulic path (22), and if a second hydraulic path (29) is able to hydraulically couple the first control surface (21) to a supply line (9) that supplies highly pressurized fuel to the at least one injection opening (3).

(Fig. 1)